

unterwegs", Funkschau, No. 7, 1996, pp. 75-77-- therefor;  
in line 8, ~~cancel~~ "[2] MPEG, [3] (H.263) and [4] (JPEG)" ~~substitute~~ --

A<sup>3</sup>  
5 D. Le Gall, "MPEG: A Video Compression Standard for  
Multimedia Applications", Communications of the ACM, Vol.  
34, No. 4, April 1991, pp. 47-58 (MPEG); M. Liou "Overview  
of the px64 kbits/s Video Coding Standard",  
Communications of the ACM, Vol. 34, No. 4, April 1991, pp.  
60-63 (H.263); and G. Wallace, "The JPEG Still Picture  
Compression Standard", Communications of the ACM, Vol.  
10 34, No. 4, April 1991, pp. 31-44 (JPEG)-- therefor;

in line 18, ~~cancel~~ the comma;  
in line 19, ~~cancel~~ "respectively,";  
in line 21, ~~cancel~~ the comma;  
in line 22, ~~cancel~~ "respectively,".

15 On page 2, in line 1, ~~cancel~~ "[5]" ~~substitute~~ --W. Gerod et al.,  
"Spatial Shaping: A Fully Compatible Improvement of DCT-  
Coding", Picture Coding Symposium, Lausanne, France,  
1993-- therefor;

A<sup>5</sup>  
20 in line 3, ~~cancel~~ "[6]" ~~substitute~~ --R. Kutka, A. Kaup and M. Hager,  
"Quality Improvement of Low Data-Rate Compressed  
Signals by Pre- and Postprocessing", Digital Compression  
Technologies and Systems for Video Communications,  
SPIE, Vol. 2952, 07-09 October 1996, pp. 42-49-- therefor;

A<sup>6</sup>  
25 in line 6, ~~cancel~~ "[7]" ~~substitute~~ --S. Minami and A. Zakhor, "An  
Optimization Approach for Removing Blocking Effects in  
Transform Coding", IEEE Transactions on Circuit Systems  
Video Technology, Vol. 5, No. 2, April 1995, pp. 74-82--  
therefor;

A<sup>7</sup>  
30 in line 8, ~~cancel~~ "[8]" ~~substitute~~ --H.245 Standard, ITU Standard  
Recommendation-- therefor;

in line 10, cancel ", respectively,";

in line 11, cancel "[9]" substitute --German Patent Application No.  
196 040 50-- therefor;

below line 17, insert a centered heading:

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**--SUMMARY OF THE INVENTION--;**

in line 18, cancel "The invention is based on the problem of  
specifying" substitute --It is an object of the present invention  
to provide an arrangement and-- therefor;

in line 19, cancel "digitalized" substitute --digitized-- therefor;  
cancel line 22;

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insert the following paragraph at line 22:

α This object is inventively achieved in accordance with the present  
invention in a method for encoding a digitized image having  
picture elements, the method comprising the steps of:  
grouping all except at least one picture elements of a  
digitized image into a number of image segments, the at  
least one ungrouped picture element being from at least one  
area of the image located between image segments; and  
encoding only the picture elements being grouped into an  
image segment. α

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in line 23, cancel "Given the method according to patent claim 1,  
the digitalized" substitute --In an embodiment, the digitized--  
therefor;

in line 24, cancel "plurality" substitute --number-- therefor.

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On page 3, in line 1, cancel "Given the method according to patent  
claim 2" substitute --In an embodiment-- therefor;

in line 7, cancel "Given the method according to patent claim 3"  
substitute --In an embodiment, in a method-- therefor;

in line 8, cancel "digitalized" substitute --digitized-- therefor, and  
cancel "plurality" substitute --number-- therefor;

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in line 19, preceding "method" insert --present--;  
in line 24, cancel ", respectively,";  
cancel lines 26-27;  
in line 28, cancel "It" substitute --In an embodiment, it-- therefor,  
and cancel "as";  
in line 29, cancel "filtering".

On page 4, in line 3, cancel "It" substitute --In an embodiment, it--  
therefor;  
in line 7, cancel "It" substitute --In an embodiment, it-- therefor, and  
cancel "in a development";  
in line 10, cancel "The" substitute --In an embodiment, the--  
therefor;  
in line 14, cancel "and -" substitute --and,-- therefor;  
in line 16, cancel "In" substitute --In an embodiment, in-- therefor;  
in line 18, cancel "It" substitute --In an embodiment, it-- therefor;  
in line 21, cancel "It" substitute --In an embodiment, it-- therefor;  
in line 27, cancel "An" substitute --In an embodiment, an-- therefor,  
and preceding "method" insert --present--.

On page 5, cancel lines 3-11, substitute the following at line 3:

-- These and other features of the invention(s) will become clearer  
with reference to the following detailed description of the presently  
preferred embodiments and accompanied drawings.

#### **DESCRIPTION OF THE DRAWINGS**

FIGs. 1A through 1F show the method for encoding and decoding a  
symbolically presented digitized image having image blocks in accordance  
with the present invention.

FIG. 2 is a block diagram of an arrangement comprising a camera,  
two computers and two picture screens constructed and operated in  
accordance with the present invention.

FIG. 3 is a block circuit diagram showing the integration of the present method into the method according to the H.263 standard.

**DETAILED DESCRIPTION OF THE PRESENTLY PREFERRED EMBODIMENTS--;**

5 in line 13, ~~cancel~~ "digitalized" ~~substitute~~ --digitized-- therefor, and  
cancel "that are";  
in line 14, ~~cancel~~ "supplied";  
in line 18, ~~cancel~~ the comma;  
in line 19, ~~cancel~~ "respectively,";  
10 in line 27, ~~cancel~~ "1a" ~~substitute~~ --1A-- therefor.

On page 6, in line 1, ~~cancel~~ "1b" ~~substitute~~ --1B-- therefor;  
in line 9, ~~cancel~~ "1c" ~~substitute~~ --1C-- therefor;  
in line 10, ~~cancel~~ "1b" ~~substitute~~ --1B-- therefor, and ~~cancel~~ "1c"  
~~substitute~~ --1C-- therefor;  
15 in line 16, after "as" ~~insert~~ --an--;  
in line 18, ~~cancel~~ "(Step 101; see Figure 1d)" ~~substitute~~ --(see  
Figure 1D)-- therefor;  
in line 21, ~~cancel~~ "RB" ~~substitute~~ --BR-- therefor, and ~~cancel~~ "1e"  
~~substitute~~ --1E-- therefor;  
20 in line 25, ~~cancel~~ "1f" ~~substitute~~ --1F-- therefor;  
in line 29, after "block" ~~insert~~ --BB--.

On page 7, in line 1, after "elements" ~~insert~~ --BP--;  
in line 4, ~~cancel~~ "1e" ~~substitute~~ --1E-- therefor, and ~~cancel~~ "1f"  
~~substitute~~ --1F-- therefor;  
25 in line 5, ~~cancel~~ "1e" ~~substitute~~ --1E-- therefor, and ~~cancel~~ "1f"  
~~substitute~~ --1F-- therefor;  
in line 15, ~~cancel~~ "plurality" ~~substitute~~ --number-- therefor;  
in line 17, after "low-pass" ~~insert~~ --filter--;  
~~cancel~~ line 21;

in line 24, after "elements" insert ~~BP~~--;  
in line 25, cancel "plurality" substitute ~~number~~-- therefor;  
in line 26, cancel ", respectively,".

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On page 8, in line 1, cancel "a possibility" substitute ~~an~~  
embodiment-- therefor;

below line 20, insert the following paragraph:

-- Although modifications and changes may be suggested by those of  
ordinary skill in the art, it is the intention of the inventors to embody within  
the patent warranted hereon all changes and modifications as reasonably  
and properly come within the scope of their contribution to the art.--

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~~Cancel page 9.~~